

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 1. (Currently Amended) A vacuum fluorescent display, comprising:
2 first and second substrates provided opposing one another, and a side glass provided between
3 the first and second substrates to seal a space therebetween;
4 filaments for emitting electrons when a voltage is applied thereto;
5 first and second filament supports mounted to one of the substrates and supporting opposite
6 sides of each of the filaments; and
7 an anode provided on at least one of the substrates, the anode being illuminated by electrons
8 to realize images,
9 with at least one of the filament supports are formed of complex-type, the complex type
10 filament supports ~~includes~~ include a fixed plate which is fixed to the ~~substrate~~ one of the substrates,
11 at least one tension arm mounted to the fixed plate, at least one tension head provided on a distal end
12 of each of the tension arms, and at least one tensionless head to which one of the filaments is
13 attached, the tensionless head being mounted to one of the tension arms.

1 2. (Original) The vacuum fluorescent display of claim 1, wherein the first and second
2 filament supports are formed of complex-type, and either a tensionless head or a tension head is
3 mounted to the second complex-type filament support opposing a tension head of the first

4 complex-type filament support, and a tension head is mounted to the second complex-type filament
5 support opposing a tensionless head of the first complex-type filament support.

1 3. (Original) The vacuum fluorescent display of claim 2, wherein the first and second
2 complex-type filament supports satisfy:

3
$$M=M'=N-(N-1)$$

4 where M is a total number of the tensionless heads provided on the first complex-type
5 filament support, M' is a total number of the tensionless heads provided on the second complex-type
6 filament support, and N is a total number of the filaments.

1 4. (Original) The vacuum fluorescent display of claim 3, wherein the tensionless heads are
2 provided toward short ends along a lengthwise direction of the fixed plates.

1 5. (Original) The vacuum fluorescent display of claim 4, wherein the tensionless heads are
2 integrally formed to the tension arms at ends of the same opposite where the tension heads are
3 formed.

1 6. (Original) The vacuum fluorescent display of claim 5, wherein a cutaway section is
2 formed in each of the tensionless heads accommodating a gap between the tension heads and the
3 tensionless heads being increased.

1 7. (Original) The vacuum fluorescent display of claim 2, wherein the first and second
2 complex-type filament supports satisfy:

3
$$M=N-(N-1)$$

4
$$N-(N-2) \leq M' \leq N-1$$

5 where M is a total number of the tensionless heads provided on the first complex-type
6 filament support, M' is a total number of the tensionless heads provided on the second complex-type
7 filament support, and N is a total number of the filaments.

1 8. (Original) The vacuum fluorescent display of claim 7, wherein the tensionless heads are
2 provided toward short ends along a lengthwise direction of the fixed plates.

1 9. (Original) The vacuum fluorescent display of claim 8, wherein the tensionless heads are
2 integrally formed to the tension arms at ends of the same opposite where the tension heads are
3 formed.

1 10. (Original) The vacuum fluorescent display of claim 8, wherein, among all of the
2 tensionless heads, the tensionless heads provided toward short ends along the lengthwise direction
3 of the fixed plates are integrally formed to the tension arms at ends of the same opposite where the
4 tension heads are formed.

1 11. (Currently Amended) The vacuum fluorescent display of claim 10, wherein a cutaway
2 section is formed in each of the tensionless heads that is adjacent to a ~~tensionless~~ tension head such
3 that a gap between the tension heads and the tensionless heads is increased.

1 12. (Original) The vacuum fluorescent display of claim 2, wherein the first and second
2 complex-type filament supports satisfy:

3
$$N-(N-2) \leq M \leq (N-1)$$

4
$$N-(N-2) \leq M' \leq N-1$$

5 where M is a total number of the tensionless heads provided on the first complex-type
6 filament support, M' is a total number of the tensionless heads provided on the second complex-type
7 filament support, and N is a total number of the filaments.

1 13. (Original) The vacuum fluorescent display of claim 12, wherein, among all of the
2 tensionless heads, the tensionless heads provided toward short ends along the lengthwise direction
3 of the fixed plates are integrally formed to the tension arms at ends of the same opposite where the
4 tension heads are formed.

1 14. (Currently Amended) The vacuum fluorescent display of claim 13, wherein a cutaway
2 section is formed in each of the tensionless heads that is adjacent to a ~~tensionless~~ tension head
3 accommodating a gap between the tension heads and the tensionless heads being increased.

AMENDMENTS TO THE DRAWINGS:

The attached sheets of drawings include changes to Figs. 1 and 2. The attached sheets, which include Figs. 1 and 2, replaces the original sheets including Figs. 1 and 2. Figures 1 and 2 were amended to be labeled as “Prior Art”.

Attachment: Replacement Sheets of Formal Drawing Figs. 1 and 2 (2 sheets)